Core no. HU 91-045-094 T.W.C., P.C. N 50° 12.26' W 45° 41.14': 3448 m b.s.l.

Age control: Date: 1998

- *N. pachyderma* sin. $\delta^{18}O$ record (Hillaire-Marcel et al.,1994).
- AMS ^{14}C dating (Hillaire-Marcel et al.,1994).

Surface sediment age :

- 1.36 ^{14}C years, according to AMS ^{14}C dating (Hillaire-Marcel et al.,1994)

Age/depth correlation :

Orig. depth	^{14}C age	Error ±	Calendar years		Sed.rate	Original interval/ material/
[cm]	[ky BP]		[ka]		[cm/ky]	$\delta^{18}O$ stratigraphy
0	1.36	70	1.29	a)		AMS ^{14}C dating
69.5	5.93	80	6.75	a)	12.7	AMS ^{14}C dating
96.5	7.26	70	8.03	a)	21.1	AMS ^{14}C dating
123.5	8.41	80	9.47	a)	18.7	AMS ^{14}C dating
142	8.96	70	10.18	a)	26.1	AMS ^{14}C dating
192	12.25	100	14.26	a)	12.3	AMS ^{14}C dating
211	13.06	90	15.70	a)	13.2	AMS ^{14}C dating
254.5	14.52	110	17.39	a)	25.7	AMS ^{14}C dating
290	14.8		18.3		39.0	AMS ^{14}C analogue
291	16.87	130	20.09	a)	-.-	AMS ^{14}C dating
328	17.76	140	21.12	a)	13.5	AMS ^{14}C dating
412	24.42	230	28.78	a)	11.0	AMS ^{14}C dating

a) Calendar years converted from ^{14}C years using INTCAL 98.

Remarks:

- more AMS ^{14}C dates in Hillaire-Marcel et al. (1994).

Original references:

- Hillaire-Marcel, C., De Vernal, A., Bilodeau, G. & Wu, G. (1994): Isotope stratigraphy, sedimentation rates, deep circulation, and carbonate events in the Labrador Sea during the last ≈ 200 ka. - Can. J. Earth Sci., 31, 63 - 89.

LGM time slice:

- GLAMAP: 290-332 cm orig. depth
- EPILOG: 299-343 cm orig. depth

LGM foraminifera counts: Duprat (JD)

- GLAMAP: 300.5, 310, 319 cm orig. depth
- EPILOG: 300.5, 310, 319, 336 cm orig. depth

References for faunal analysis:

- J. Duprat for A. de Vernal (unpublished)

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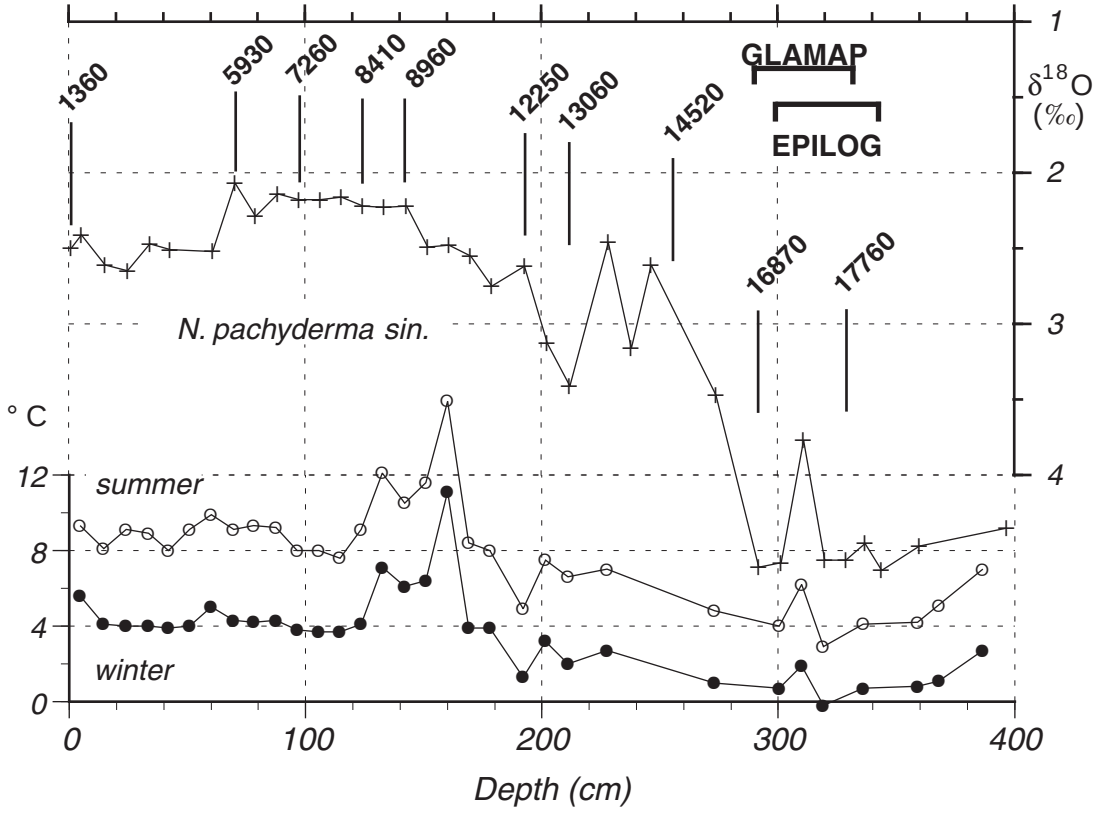
1360
5930
7260
8410
8960
12250
13060
14520
GLAMAP
EPILOG
16870
17760
δ18O (‰)
1
2
3
4
N. pachyderma sin.
° C
12
8
4
0
summer
winter
0
100
200
300
400
Depth (cm)